

HARIHARAN VENKATESWARAN

PRODUCT DESIGN ENGINEER

ABOUT ME

To work as a design Staff/Engineer in Organization (R&D, Manufacturing, organizations) to obtain a challenging growth orientation combined with the company's progress and where learning is part of the work.

EDUCATION HISTORY

BACHELOR'S IN MECHANICAL ENGINEERING

Institution: KPR Institute of Engineering and Technology

Year of Graduation: 2021

PRODUCT DESIGN ENGINEERING

Institution: University of Greenwich

Year of Graduation: 2023

WORK EXPERIENCE

DESIGN ENGINEER

Organization: EDIZI Tools Pvt Ltd, Bengaluru, India

Website: <http://www.edizi.com>

About the Company: One of the Top 10 Rubber Tool Manufacturers in India. Specializes in Injection, Rubber and O-Ring Moulds.

Work Timeline: June 2020 to 20th Nov 2021, (1 year, 6 months)

WORK ROLE:

- Responsible for designing CAD models according to customers' needs.
- Studying the customer-based 2D drawings and designing the 3D model of the product with tolerance and finally selecting mould type based on component shape size and other related factors.
- Providing quotations based on customer requirements.
- Designing a product by using the software SOLID WORKS and moulding accustomed to customer machine requirements, checking manufacturing feasibility for operation, and minimum parting line.
- Dispatching the manufacturing drawings and other relevant files to respective departments.
- Supervise and guide the order of manufacturing, starting from programming, milling, turning, sparking, super drilling, wire cutting, engraving and final assembly.
- Taking samples to make sure the surface finish and dimensions fit within tolerance.



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INTERNSHIP

- Completed a 1-month Internship at Victory Seals Private Limited, Bengaluru, India a Rubber seals Manufacturing Company.
- 5 months of training on **NDT** and **QA/QC** at Engineers Edge in 2020.
- 2 days of Training on **Geometric Dimensioning and Tolerancing (GD&T)** at Roots Industries PVT LTD in 2019

CERTIFICATIONS

- Certified as level 1 "**NDT and QA/QC**" technician at ENGINEER'S EDGE INSTITUTE OF NDT, Coimbatore.
- Project on TOPIC – "Automatic Restroom Cleaner", Completed during the study in the 3- month timeline. The aim of this project was to create a machine which cleans the toilets without involving human aid.
- Lean Principles knowledge - six sigma white belt

PROFESSIONAL SKILLS

- SolidWorks
- AutoCAD
- Draft Sight
- Cost estimation
- Prototyping
- 2D and 3D modelling
- CATIA
- Time management
- MS Office tools

LANGUAGES KNOWN

- ENGLISH - L2
- TAMIL - L2
- TELUGU - L1
- HINDI - C1